



Form PTO/SA08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete If Known	
		Application Number	10/769,577
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Filing Date	January 30, 2004
		First Named Inventor	SEGEbart, Robert Lee
		Art Unit	1638
		Examiner Name	
		Attorney Docket Number	P06641US00 - 1843
Sheet	1	of	4

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
gm	1	4,812,599	03/14/1989	Segebart	
	2	5,347,081	09/13/1994	Martin	
	3	5,563,325	10/08/1996	Morrow	
	4	5,567,861	10/22/1996	Niebur	
	5	5,763,757	06/09/1998	Williams et al.	
	6	5,859,354	01/12/1999	Williams	
	7	6,020,543	02/01/2000	Benson et al.	
	8	6,075,187	06/13/2000	Stucker	
	9	6,114,614	09/05/2000	Benson	
	10	6,121,520	09/19/2000	Stucker	
	11	6,124,532	09/26/2000	Carlone, Jr. et al.	
	12	6,124,533	09/26/2000	Carlone, Jr. et al.	
gm	13	6,180,857 B1	01/30/2001	Carlone, Jr.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
gm	14	EP 160390	11/06/1985	Stauffer Chemical Co.	

Examiner Signature	<i>E7m22</i>	Date Considered	2/10/06
--------------------	--------------	-----------------	---------

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/769,577
		Filing Date	January 30, 2004
		First Named Inventor	SEGEBART, Robert Lee
		Group Art Unit	1638
		Examiner Name	
Sheet 2 of 4	Attorney Docket Number	P06641US00 - 1843	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T *
gm	15	Plant Variety Protection Act, Certificate No. 9700214 for Corn, Field 'PH07D' issued 02/09/2001	
	16	Plant Variety Protection Act, Certificate No. 9700218 for Corn, Field 'PH09B' issued 10/27/2000	
	17	Plant Variety Protection Act, Certificate No. 9800355 for Corn Inbred 'PH1B5' issued 06/14/2001	
	18	Plant Variety Protection Act, Certificate No. 9900382 for Corn, Field 'PH2MW' issued 11/06/2001	
	19	Plant Variety Protection Act, Certificate No. 200100244 for Corn, Field 'PH5W4' issued 09/12/2003	
	20	Berry et. al., Assessing Probability of Ancestry Using Simple Sequence Repeat Profiles: Applications to Maize Inbred Lines and Soybean Varieties" Genetics 165:331-342 (2003)	
	21	Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", Maize Genetics Cooperative Newsletter, 65:1991, pg. 90	
	22	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of Zea Mays", Plant Cell Reports, 6:345-347	
	23	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous Zea Mays Genotypes", Planta, 165:322-332	
	24	Edallo, et al. (1981) "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with in Vitro Culture and Plant Regeneration in Maize", Maydica, XXVI:39-56	
	25	Fehr, Walt, Principles of Cultivar Development, pp. 261-286 (1987)	
	26	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", Crop Science, Vol. 15, pp. 417-421	
	27	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" Maize for Biological Research, pp. 367-372	
	28	Hallauer, A.R. et al. (1988) "Corn Breeding" Corn and Corn Improvement, No. 18, pp. 463-481	
	29	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", The Maize Handbook Ch. 65:423-432	
	30	Meghji, M.R., et al. (1984) "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", Crop Science, Vol. 24, pp. 545-549	
	31	Openshaw, S.J., et al. (1994) "Marker-assisted selection in backcross breeding". p. 41-43. In Proceedings of the Symposium Analysis of Molecular Marker Data. 5-7 August 1994. Corvallis, OR. American Society for Horticultural Science/Crop Science Society of America.	
	32	Phillips, et al. (1988) "Cell/Tissue Culture and in Vitro Manipulation", Corn & Corn Improvement, 3rd Ed., ASA Publication, No. 18, pp. 345-387	
fm	33	Poehlman et al (1995) Breeding Field Crop, 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344	

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
Sheet <span style="margin-left: 20px;">3</span> of <span style="margin-left: 20px;">4</span>		Application Number <span style="float: right;">10/769,577</span>		Filing Date <span style="float: right;">January 30, 2004</span>	
		First Named Inventor <span style="float: right;">SEGEBART, Robert Lee</span>		Group Art Unit <span style="float: right;">1638</span>	
		Examiner Name		Attorney Docket Number <span style="float: right;">P06641US00 - 1843</span>	
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. †	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ‡
<i>EW</i>	34	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", <u>Maize Genetics Cooperative Newsletter</u> , No. 60, pp. 64-65			
	35	Sass, John F. (1977) "Morphology", <u>Corn &amp; Corn Improvement</u> , ASA Publication, Madison, WI pp. 89-109			
	36	Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", <u>Seed Science and Technology</u> 14, 1-8			
	37	Songstad, D.D. et al. (1988) "Effect of ACC(1-aminocyclopropane-1-carboxylic acid), Silver Nitrate & Norbonadiene on Plant Regeneration From Maize Callus Cultures", <u>Plant Cell Reports</u> , 7:262-265			
	38	Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize ( <i>Zea Mays</i> L.) Germplasm", <u>Theor. Appl. Genet.</u> , Vol. 70, p. 505-509			
	39	Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", <u>Crop Science</u> , Vol. 25, pp. 695-697			
	40	Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", <u>Crop Science</u> , Vol. 23, pp. 584-588			
	41	Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus", <u>Theoretical and Applied Genetics</u> , 77:889-892, 1989			
	42	Wright, Harold (1980) "Commercial Hybrid Seed Production", <u>Hybridization of Crop Plants</u> , Ch. 8:161-176			
	43	Wych, Robert D. (1988) "Production of Hybrid Seed", <u>Corn and Corn Improvement</u> , Ch. 9, pp. 565-607			
44	Carlone et al., INBRED MAIZE LINE PH581, U.S. Serial No. 09/758,802 filed 01/11/2001				
45	Hoffbeck, Mark David, INBRED MAIZE LINE PH5W4, U.S. Serial No. 09/759,762 filed 01/12/2001				
46	Hoffbeck, Mark David, INBRED MAIZE LINE PH70R, U.S. Serial No. 10/271,123 filed 10/15/2002				
Examiner Signature <span style="float: right; margin-right: 50px;"><i>FTM/EL</i></span>		Date Considered <span style="float: right;">2/10/06</span>			

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	4	of	4
-------	---	----	---

<b>Application Number</b>	10/769,577
<b>Filing Date</b>	January 30, 2004
<b>First Named Inventor</b>	SEGEbart, Robert Lee
<b>Group Art Unit</b>	1638
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	P06641US00 - 1843

## NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

57 mol.

Date  
Considered

2110/03